

# Rowan University

NJ Higher Education Sector: State College or University

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## Attracting Women into Engineering

Type of Partnership: Precollege Program

Year Began: 1999

### **CONTACT INFORMATION**

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### **DESCRIPTION**

Program Services (Academic):  
Hands on laboratory modules in Science and Engineering

Program Services (Other):  
Career Counseling, Mentoring

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## Rowan University C.H.A.M.P./GEAR UP Program

Type of Partnership: Precollege Program

Year Began: 1986

Participants Served: 400

### **CONTACT INFORMATION**

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Web Site: [www.rowan.edu/camden/champ](http://www.rowan.edu/camden/champ)

Partners: Camden City, Vineland, Bridgeton, and Millville School Districts

### **DESCRIPTION**

Program Services (Academic):  
Remedial Instruction, Computer Skills Training, Study Skills Training, Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development, Grade & Attendance Monitoring

Program Services (Other):  
Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Fairs, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

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## Summer Institute in Materials Science

Type of Partnership: Precollege Program

Year Began: 2002

Participants Served: 24

### **CONTACT INFORMATION**

Sam Lofland, Professor

Rowan University

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Web Site: [www.rowan.edu/materials](http://www.rowan.edu/materials)

### **DESCRIPTION**

The Summer Institute in Materials Science is a two-week program focused on introducing high school students and teachers to the impact that materials science and engineering has on the development of new technology. This is achieved through hands-on experiences with faculty and students using cutting-edge research tools. There are visits to local high-tech industry as well as seminars by internationally known scholars.

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## Rowan University Professional Development Schools Network

Type of Partnership: Professional Development for Teachers

Year Began: 1991

Higher Education Partner: Rowan University - College of Education

### **CONTACT INFORMATION**

Carol A. Sharp, Dean, College of Education

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Web Site: <http://www.rowan.edu/coe>

Partners: Monroe Township School District, Glassboro, Bullock School, Camden, Sumner and Coopers Poynt Schools, Vineland, Johnstone School, Cherry Hill Schools, Johnson School

### **DESCRIPTION**

The professional development schools network serves as a setting to support the beginning and ongoing learning of teachers. Like teaching hospitals, these schools aim to provide sites for state-of-the-art practice that are organized to foster the training of new professionals, extend the professional development of veteran teachers, and sponsor collaborative research and inquiry.

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